

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|---------------------|
| S1 | 4 | ((("5,579,304") or ("5,694,436") or ("200210072816"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/11 17:24 |
| S2 | 6 | ((("5,579,304") or ("5,694,436") or ("20020072816"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/11 17:25 |
| S3 | 5 | ((("20030062990") or ("6,445,369"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/11 17:26 |
| S4 | 25 | ((("6,754,354") or ("20030095096") or ("200210135513") or ("5,428,341") or ("20040097851") or ("200410131193") or ("20040062270") or ("6,445,369") or ("200210145509") or ("5,491,755") or ("5,661,848") or ("200410250273") or ("200210101357") or ("5,406,634") or ("5,646,602") or ("7,043,671") or ("6,507,273"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/11 17:29 |
| S5 | 43 | ((("3,942,170") or ("4,319,224") or ("4,523,128") or ("4,845,751") or ("5,095,382") or ("5,218,641") or ("5,410,735") or ("5,471,190") or ("5,596,603") or ("5,652,766") or ("5,666,658") or ("5,784,468") or ("5,946,343") or ("6,006,115") or ("6,041,225") or ("6,157,292") or ("6,215,981") or ("6,243,413") or ("6,337,913"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/11 17:31 |

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|-----|----|--|--|----|-----|---------------------|
| S6 | 2 | ("5091952").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 08:58 |
| S7 | 3 | ("6,445,369").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 10:03 |
| S8 | 4 | ((("5,406,634") or ("5,646.602") or ("7,043.671") or ("6,507,273")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 10:04 |
| S9 | 5 | ("2003006299").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 10:06 |
| S10 | 2 | ("20030062990").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 10:07 |
| S11 | 27 | ((("6,754,354") or ("20030095096") or ("20020135513") or ("5,428,341") or ("20040097851") or ("20040131193") or ("20040062270") or ("6,445,369") or ("20020145509") or ("5,491,755") or ("5,661,848") or ("20040250273") or ("20020101357")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 10:09 |
| S12 | 99 | ((("20030210796") or ("20050018857") or ("4321581") or ("4389577") or ("5598039") or ("5814902") or ("5986539") or ("6370396") or ("6459175") or ("6697618") or ("7050831") or ("7113763") or ("7142094") or ("20020098867") or ("20020098868") or ("20030074672") or ("20030224728") or ("20040234088") or ("20050010954") or ("20050165967") or ("20050180561") or ("20060033454") or ("20060193110") or ("20060233203") or ("20070019669") or ("20070041339") or ("20070041340") or | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 10:19 |

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|-----|---|---|--|----|-----|---------------------|
| | | ("20070147407") or ("20070259644") or ("20070275595") or ("4445053") or ("5198779") or ("5339362") or ("5546273") or ("5627898") or ("6078908") or ("6249642") or ("4257062") or ("4388490") or ("4467287") or ("4479238") or ("4481661") or ("4509190") or ("4622690") or ("4627090") or ("5204862") or ("5311549") or ("5343043") or ("5359374") or ("5371367").PN. | | | | |
| S13 | 0 | ("7346332").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 11:20 |
| S14 | 2 | ("0734632").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 11:20 |
| S15 | 0 | ("7346332").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 11:21 |
| S16 | 2 | ("7187029").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 11:26 |
| S17 | 2 | ("7181029").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 11:28 |
| S18 | 6 | ("20020048381" "4403112" "4860363" "4991687" "5181247" "5448647").PN. OR ("7181029").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/12 11:29 |
| S19 | 2 | ("20030062990").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/12 17:30 |
| S20 | 2 | ("7136712").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/14 16:02 |

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|-----|-----|---|--|----|-----|---------------------|
| S21 | 9 | ("20010020193" "20020006081" "5757928" "5798818" "6016295" "6129283" "6442278" "6772024" "6867820").PN. OR ("7136712").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 16:02 |
| S22 | 4 | ((KAZUHIKO) near2 (TERAMACHI)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 16:13 |
| S23 | 10 | ("5042070" "5757928" "5963705" "6108584" "6233394" "6341166" "6449371" "6704421" "6867820" "6895173"). PN. OR ("7248935").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 16:14 |
| S24 | 2 | ("6487296").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/14 16:16 |
| S25 | 14 | ("3590382" "4612665" "4899388" "5182552" "5218641" "5361381" "5666422" "5666658" "5668884" "5673323" "5708718" "6154549" "6198825").PN. OR ("6487296").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 16:20 |
| S26 | 23 | ("3927316" "4405832" "4513446" "4621374" "4736461").PN. OR ("4899388").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/14 16:25 |
| S27 | 930 | hous\$3 same transmit\$4 same audio same \$4peaker \$1 same receiv\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/15 12:26 |
| S28 | 614 | ((381/306 or 381/300). ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/15 12:27 |
| S29 | 827 | ((381/77 or 381/37).ccls.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/15 12:27 |
| S30 | 1 | S27 and S28 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/15 12:28 |
| S31 | 22 | ("3069505" "3478167" "3697692" "3725586" "3757047" "4394535" "4612663" "4819269" "4899388" "5027687" "5181247" "5386473"). PN. OR ("5666422").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/03/15 12:33 |

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|-----|---------|--|--|----|-----|---------------------|
| S32 | 7 | S27 and S29 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/15 12:37 |
| S33 | 55 | S27 and (("381"/\$).cds.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/15 12:42 |
| S34 | 2757852 | \$4speaker\$1 same amplif\$4 same (pulse adj width adj modulat\$4) same power stage module | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 16:13 |
| S35 | 352 | \$4speaker\$1 same amplif\$4 same (pulse adj width adj modulat\$4) same power | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 16:14 |
| S36 | 134 | \$4speaker\$1 same amplif\$4 same (pulse adj width adj modulat\$4) same power same convert\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 16:14 |
| S37 | 13 | S36 and (("381"/\$).cds.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 16:15 |
| S38 | 1 | (\$4speaker adj hous\$4) same transmit\$4 same powerline same satellite same \$4speaker\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 20:20 |
| S39 | 4 | (\$4speaker adj hous\$4) and transmit\$4 and powerline and satellite and \$4speaker\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 20:21 |
| S40 | 3 | transmit\$4 same powerline same satellite same \$4speaker\$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 20:22 |
| S41 | 185 | transmit\$4 and powerline and satellite and \$4speaker \$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 20:23 |
| S42 | 2 | S41 and (("381"/\$).cds.) and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 20:24 |
| S43 | 75 | S41 and @ay<="2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2008/03/17 20:26 |
| S44 | 5 | ((("20030050737") or ("6993417") or ("6922730"))).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2008/03/18 09:24 |

7/4/2008 9:21:59 AM

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